Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-7. (Canceled)

8. (Currently Amended) A flow-controlled wind motor rotor ~~(1) comprising~~ comprising:

one or more blades ~~(3)~~, said blades rotating around a central vertical axis ~~(4)~~ in a main bearing ~~(5)~~, said blades being parallel to the central vertical axis ~~(4)~~, said blades being connected via crossbars ~~(6)~~, said blades ~~(3)~~ being disposed freely rotatably in bearings ~~(7)~~, said blades ~~(3)~~ comprising a symmetrical aerodynamic profile ~~(8)~~ over their entire cross-section, said blades being orientable to ~~the~~ a direction of ~~the~~ a wind ~~(10)~~, and said rotor comprising a wind vane ~~(9)~~ to capture the direction of the ~~wind characterized in that~~ wind, wherein

said rotor comprises a primary control mechanism ~~(11)~~, which is controlled b y said wind vane ~~(9)~~ and aligns said profiles ~~(8)~~ of said ~~blade(s) (3)~~blades along the wind direction ~~(10)~~ at each point of their trajectory ~~(13)~~ around the central vertical axis ~~(4)~~, said blades being disposed on said crossbars ~~(6)~~,

said rotor comprises a secondary control mechanism ~~(12)~~, which is subordinate to the primary control mechanism and aligns ~~the~~ longitudinal axes of said profiles ~~(8)~~ of said ~~blade(s) (3)~~blades to the wind ~~(10)~~ at each point of their trajectory ~~(13)~~ around the central vertical axis ~~(4)~~ so as to produce an optimum aerodynamic force depending on ~~the~~ a rotation angle of the crossbars ~~(6)~~ with respect to the wind vane ~~(9)~~ and ~~the~~ a rotation velocity of the crossbars, and

said ~~secondary~~ primary control mechanism ~~(12) is subordinate to the first control mechanism (11).~~ comprises a belt transmission with a common driving pulley and at least one V-belt drive, and the secondary control mechanism comprises at least one stepping engine with a worm gear.

9. (Currently Amended) The wind rotor of ~~claim 1~~ claim 8, ~~characterized in that~~ wherein the control mechanisms ~~(11, 12)~~ are mechanically, electromechanically, hydraulically or pneumatically controlled.

10. (Canceled)

11. (Currently Amended) The wind rotor of ~~claim 1~~ claim 8, ~~characterized in that~~ wherein said wind vane ~~(9)~~ is disposed concentrically and rotatably in the main bearing ~~(5)~~ on the central vertical axis ~~(4)~~.

12. (Canceled)

13. (Currently Amended) The wind rotor of ~~claim 1~~ claim 8, ~~characterized in that~~ wherein said blades ~~(3)~~ are positioned in said bearings ~~(7)~~ on said crossbars ~~(6)~~ with an upward and/or a downward bias.

14. (Canceled)

15. (Currently Amended) The wind rotor of claim 9, ~~characterized in that~~ wherein said wind vane ~~(9)~~ is disposed concentrically and rotatably in the main bearing ~~(5)~~ on the central vertical axis ~~(4)~~.

16-17. (Canceled)

18. (New) The wind rotor of claim 9, wherein the blades are positioned in the bearings on the crossbars with an upward and/or a downward bias.

19. (New) The wind rotor of claim 11, wherein the blades are positioned in the bearings on the crossbars with an upward and/or a downward bias.